

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6392703").URPN.	USPAT	OR	OFF	2006/09/19 11:06
L2	12	("4317029"   "4369459"   "4809680"   "4997698"   "5130804"   "5301042"   "5302778"   "5337475"   "5400072"   "5543837"   "5825560"   "5984188").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:06
L3	31	("5302778").URPN.	USPAT	OR	OFF	2006/09/19 11:07
L4	8	("4074306"   "4516157"   "4745470"   "4831456"   "4832003"   "4918521"   "4992875"   "5040069").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:03
L5	17	("4594613"   "4745470"   "4757805").PN. OR ("5040069").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:07
L6	5	("4870496"   "5040069"   "5220198"   "5861654"   "6122009").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:10
L7	30	("4893163"   "4940888"   "5011256"   "5065226"   "5122861"   "5130531"   "5132532"   "5408131"   "5525840"   "5536974").PN. OR ("5861654").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:11
L8	17	("4594613"   "4745470"   "4757805").PN. OR ("5040069").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:15
L9	9	("3757127"   "4113354"   "4594613"   "4682219"   "4692608"   "4745470"   "4773396"   "5021888"   "5040069").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:16
L11	14	("4317029"   "4369459"   "4809680"   "4997698"   "5130804"   "5301042"   "5302778"   "5337475"   "5400072"   "5543837"   "5825560"   "5984188").PN. OR ("6392703").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:18
L12	15	("4594613"   "5040069"   "5072283"   "5087964"   "5596229"   "5861654"   "5870638"   "5952714"   "6035147"   "6204896"   "6362921"   "6392703"   "6528778"   "6628339"   "6693674").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:18
L13	27	("4760440"   "4873566"   "4879588"   "4891686"   "4953001"   "4985753"   "4990719").PN. OR ("5087964").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:23

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L14	39	("3593070"   "4326214"   "4406054"   "4482781").PN. OR ("4760440").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:46
L15	67	lens near4 barrel with washer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:47
L16	107	lens near4 barrel with washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:47
L17	0	lens near4 barrel with washer with substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:48
L18	0	lens near4 barrel with washer same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:48
L19	14	lens near4 barrel with washer and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:49
L20	434	lens near4 barrel with (washer or plate) and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:49
L21	236	20 and (@rlad<"19990903" or @ad<"19990903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:13
L22	8	camera and (lens near3 (mount or tructure or barrel)) with (washer or plate) with substrate and (@rlad<"19990903" or @ad<"19990903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:55

## EAST Search History

L23	89	camera and (lens near3 (mount or tructure or barrel)) with (washer or plate) with (substrate or board) and (@rlad<"19990903" or @ad<"19990903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:58
L24	539	camera and ((lens near3 (mount or tructure or barrel)) or lens) with (washer or plate) with (substrate or board) and (@rlad<"19990903" or @ad<"19990903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:07
L25	249	camera and ((lens near3 (mount or tructure or barrel)) or lens) with (washer or plate) with (substrate) and (@rlad<"19990903" or @ad<"19990903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:08
L26	814	438/121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:08
L27	249	25 and (@rlad<"19990903" or @ad<"19990903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:08
L28	369	26 and (@rlad<"19990903" or @ad<"19990903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:12
L29	5184	(substrate or circuit adj board) with (lens or (lens adj (support or mount or barrel))) with (plate or washer or separat\$4 or adapter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:13
L30	2469	29 and (@rlad<"19990903" or @ad<"19990903")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:14

## EAST Search History

L31	441	30 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:16
L32	462	30 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:14
L33	63	30 and (electronic or digital) near2 camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:14
L34	751	30 and (ccd or sensor or imager)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:17
L35	17	("4074306"   "4516157"   "4745470"   "4831456"   "4832003"   "4918521"   "4992875"   "5040069").PN. OR ("5130804").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 15:19
L36	7	("4636627"   "5091793"   "5130804"   "5444485"   "5517364"   "5825560").PN. OR ("6392688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 16:05
L37	18	("5418566" "5561458" "5617131" "5777335" "5847887" "6011860" "6122009" "6172351" "6172361" "6187522" "6369435" "6512219" "6571466" "6603107" "6724503" "6727564" "6745061" "6768516").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 16:05
L38	4	("4594613"   "5040069"   "5418566"   "5847887").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 17:19
L39	734	348/294.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 18:10
L40	444	348/340.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 18:11

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L41	758	348/335.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 18:11
L42	342	348/374.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 18:11
L43	879	348/373.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 18:11
L44	24	((kazuhiro with hoshino) or (hirofumi with sumi) or (kazuya with kanagawa)).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 18:12
L45	138	((kazuhiro with hoshino) or (hirofumi with sumi) or (kazuya with kanagawa)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 18:12
S1	8	"6392703"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 15:12
S2	6	"6392703".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 16:06
S3	852	348/373.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 16:07
S4	552	348/345.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 16:11
S5	440	348/340.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 16:15
S6	35	("20020008920" "20020027721" "4 037938" "5157550" "5570229" "597 3858" "6104432" "6124984" "61249 87" "6185048" "6308011" "6331917 " "6339508" "6349002" "6414791"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 16:15

## EAST Search History

S7	10	("6339508").URPN.	USPAT	OR	OFF	2006/09/18 16:16
S8	13	("20030161620"   "20040105020"   "3649101"   "4810072"   "5570229"   "5668668"   "6016228"   "6088169"   "6124987"   "6185048"   "6308011"   "6339508"   "6754446").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:05